

FORM PTO-1390  
(REV 10-03)

US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER  
05558.0018.PCUS00

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

**10/500521****TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**INTERNATIONAL APPLICATION NO.:  
PCT/IL02/01059INTERNATIONAL FILING DATE  
December 31, 2002PRIORITY DATE CLAIMED  
December 31, 2001TITLE OF INVENTION  
IFNAR2 MUTANTS, THEIR PRODUCTION AND USEAPPLICANT(S) FOR DO/EO/US  
Gideon Schreiber

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S. 371(c)(3)).
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau.).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (unexecuted).
10. ☐ A English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 20. below concern documents(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☒ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
  - Paper copy of sequence listing
  - Substitute specification with markings
  - Clean version of substitute specification
  - Replacement sheets of the drawings (3 sheets)
  - Annotated marked-up copies of the amended drawings (3 sheets)

CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
"Express Mail" Mailing Label Number

ER 651561947 US

Date of Deposit June 30, 2004  
 I hereby certify that this paper or fee is being  
 deposited with the United States Postal Service  
 "Express Mail Post Office to Addressee"  
 Service under 37 C.F.R. §1.10 on the date  
 indicated above and is addressed to: Mail  
 Stop PCT, Commissioner for Patents, P.O. Box  
 1450, Alexandria, VA 22313-1450

Nathan Le

(Typed or printed name of person mailing)

*Nathan Le*  
 (Signature of person mailing)

**Best Available Copy**

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21. ☒ The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a)(1)-(5)):**

- |                                     |   |                  |
|-------------------------------------|---|------------------|
| <input type="checkbox"/>            | Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... | <b>\$1080.00</b> |
| <input checked="" type="checkbox"/> | International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ....  | <b>\$ 920.00</b> |
| <input type="checkbox"/>            | International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....  | <b>\$ 770.00</b> |
| <input type="checkbox"/>            | International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33 (1)-(4) .....  | <b>\$ 730.00</b> |
| <input type="checkbox"/>            | International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)   | <b>\$ 100.00</b> |

**ENTER APPROPRIATE BASIC FEE AMOUNT**

**\$920.00**

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS	NUMBER FIELD	NUMBER EXTRA	RATE
Total claims	39 - 20 =	19	<b>X \$18.00</b>
Independent claims	4 - 3 =	1	<b>X \$86.00</b>

\$	342.00
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\$	86.00
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**MULTIPLE DEPENDENT CLAIM(S) (if applicable)**

**+ \$290.00**

**\$ 290.00-**

**TOTAL OF ABOVE CALCULATIONS =**

**\$ .00**

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

**SUBTOTAL =**

**\$1638.00**

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

**\$:**

**TOTAL NATIONAL FEE =****\$1638.00**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28,3.31). **\$40.00** per property

\$

**TOTAL FEES ENCLOSED =**

	\$1638.00
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<b>Amount to be: refunded</b>	<b>\$</b>
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**\$**

charged:	\$
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- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 08-3038 in the amount of **\$1638.00** to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which maybe required, or credit any overpayment to Deposit Account No. 08-3038. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO 2038.**

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

**SEND ALL CORRESPONDENCE TO:**

**HOWREY SIMON ARNOLD & WHITE, LLP**  
321 N. Clark Street, Suite 3400  
Chicago, IL 60610 U.S.A.  
Telephone: (312) 846-5621  
Facsimile: (312) 264-0366

**SIGNATURE**

**Teddy C. Scott, Ph.D.**

53.573

REGISTRATION NUMBER

**Best Available Copy**